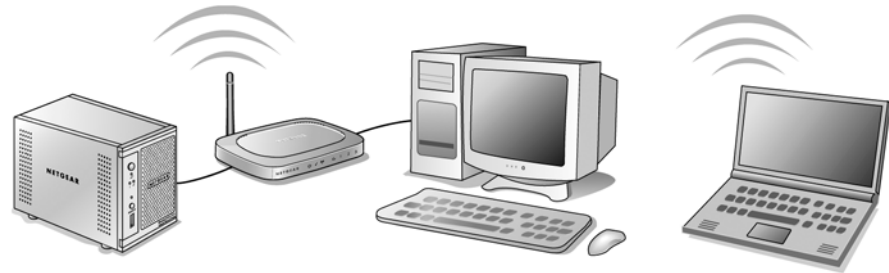# NETGEAR®
Installation Guide

NETGEAR ReadyNAS Duo

Start Here

Follow these instructions to install your NETGEAR® ReadyNAS™ Duo. Then, consult the *ReadyNAS Duo Setup Manual* on your *Resource CD* for instructions on using the Setup Wizard to configure the ReadyNAS Duo. Some typical ReadyNAS Duo use scenarios are also included. See the *ReadyNAS Duo User Guide* to configure any advanced features (a link to the User Guide is on your *Resource CD)*. The *ReadyNAS Duo User Guide* is also on the NETGEAR support site at *http://kbserver.netgear.com*. Estimated setup time: 15 minutes

When you have completed installation of the ReadyNAS Duo, your network should resemble this illustration.

Note: If you purchased a unit with only one disk, and want to add a second disk for redundancy, NETGEAR suggests that you install your ReadyNAS Duo and the RAIDar utility, then connect the ReadyNAS Duo to your network and validate the installation before adding the disk. See *Installing a Disk Drive* for installation instructions.

First, check your package contents

Before starting installation, check your package contents:
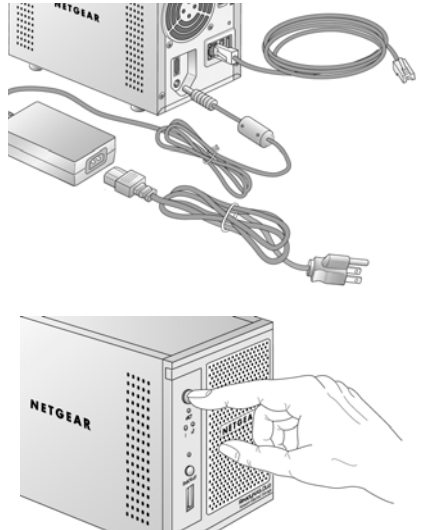
- ReadyNAS Duo
- Installation Guide
- Warranty Card
- Power cable
- Ethernet cable

- ReadyNAS Duo *Resource CD*
- Four screws for installing an additional hard disk installation (included only with one-disk units)

Next, connect the ReadyNAS Duo to your network

The router in your network must have an ethernet port available to connect the ReadyNAS Duo unit to the router via the Ethernet cable. Your router also must be configured to automatically provide an IP address for your network devices.

1. Unpack the unit and stand the unit on its feet—be sure it has ample ventilation.

   Avoid putting the unit in a location where it could be knocked over easily. Do not place items on top of the ReadyNAS Duo.

2. Connect one end of the provided Ethernet cable to your router and the other end to the back of the ReadyNAS Duo unit..

   Plug in the power adapter to a power source and connect the other end to the unit

3. Press the On button on the front of your unit. The blue light will flicker while the unit boots and obtains an IP address; then it will turn solid blue.

Then, install the RAIDar utility

Installing the RAIDar software utility provides an easy way for you to detect the ReadyNAS Duo on your network, and is the method recommended by NETGEAR.

Note: To install the RAIDar Widget for Mac OS X (included on the *Resource CD*), see the *ReadyNAS Duo Setup Manual*. An on-line link to the Setup Manual is on the *Resource CD*.

To install the RAIDar software utility:

1. Insert the *Resource CD* into your computer. On the Welcome screen, click **Install the ReadyNAS RAIDar utility.** (For Mac OS X, open the Mac RAIDar Setup Folder and double-click *Setup_Mac.dmg*.)

2. Follow the screen prompts to complete installation of the RAIDar utility. On the last screen, select the **Run RAIDar** check box, and click **Finish**. The RAIDar utility will locate all ReadyNAS devices on your network.

   A shortcut to the RAIDar utility will be placed on your desktop for future use.
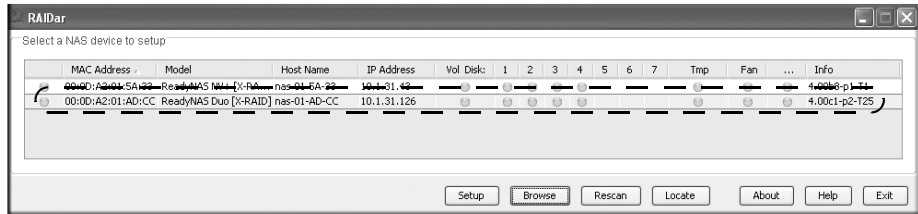
The MAC address of the ReadyNAS Duo, Host Name (which includes the last four digits of the MAC address), IP Address and other statistics will display. If you have multiple ReadyNAS units connected to your network, the RAIDar software screen will list them also.

3. To set up the ReadyNAS Duo unit, select the ReadyNAS Duo and then click **Setup**.

4. On the login screen, enter **admin** for the user name, and **netgear1** for the password (all lower case letters and the number 1). The ReadyNAS Duo Home screen displays.

5. Click **Setup Wizard** and follow the steps to complete the setup of your unit (for detailed instructions, see the *ReadyNAS Duo Setup Manual* on your *Resource CD*).

   It should not be necessary to modify any of the suggested default settings.

If you choose not to install RAIDar, you can also access the ReadyNAS Duo by entering the IP address of the ReadyNAS Duo, which can be obtained from your router, into your browser. This method is explained in the *ReadyNAS Duo User Guide*; a link to the User Guide is on your *Resource CD*.

Finally, copy files to your ReadyNAS Duo

The folder structure in the ReadyNAS Duo includes a Backup folder, a Media folder containing three sub-folders (Music, Pictures and Videos), and a Printer/Fax folder.

To verify that you can copy files to and from your new ReadyNAS Duo drive.

1. Open the RAIDar utility. Select the ReadyNAS Duo and click **Browse.** The ReadyNAS share folders display. (No password is required.)

   Note: You can also access your share folders by browsing "My Network Neighborhood" (or equivalent for Microsoft Vista and Mac OS X). Your ReadyNAS Duo is located under its workgoup name (the default is Volume), and identified by

"nas-" plus the last 6 digits of its unique MAC address—which is the same name as the Host Name. The MAC address of your ReadyNAS Duo is printed on the label on the bottom of the unit.

2. From your computer, select a file and either drag it to one of the folders on the ReadyNAS Duo drive or right-click (Windows) or control-click (Macintosh), choose **Copy** from the context menu, and **Paste** the file into one of the folders.

Name	Comments
backup	Backup Share
media	Media Server Share
Printers and Faxes	Shows installed printers and fax printers and helps you add new ones.

Installing a Disk Drive

If you purchased a ReadyNAS Duo with only one installed drive, and you want to add a second drive, carefully follow these instructions. The ReadyNAS Duo is "hot-swappable" which means that you can insert a new disk drive without turning the unit off. The ReadyNAS Duo automatically detects the new drive and builds it as a "mirror drive."

Warning: Install only NETGEAR-approved hardware in your ReadyNAS. Failure to comply will void your warranty. A list of approved hardware is in the *ReadyNAS Duo User Manual*. A link to the on-line User Guide is on your *Resource CD*.

To install a second drive:

1. Remove the disk tray from the unit.
   a. Swing open the front cover.
   b. Press to release the latch.
   c. Pull out the tray.
2. Insert a hard drive into the tray (A). Position the drive with the bottom facing out from the tray, and the connectors facing away.
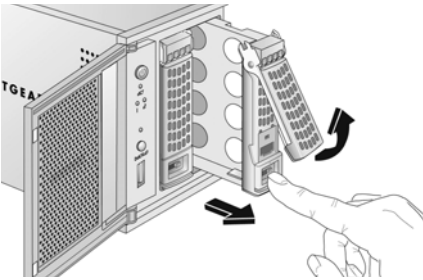
   Use the four screws provided with the unit to secure the drive to the tray.
3. With the latch in the open position, slide the disk tray into the ReadyNAS Duo completely, securing the latch and closing the door.

   Note: If you want to prevent easy removal of the disk from the drive bay, set the lock (B): to the right is unlocked; to the left is locked.

   Note: If you are operating the unit with one drive only, NETGEAR recommends that you place it in the bay to the left.
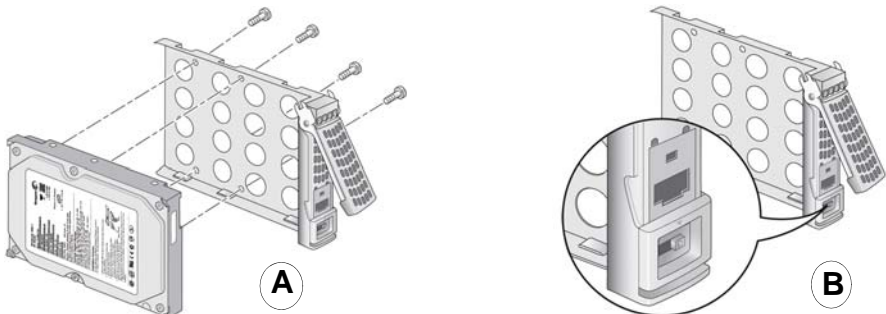
To access the ReadyNAS Duo after installing a drive:

1. Open the RAIDar software utility. On the RAIDar screen, the Status LED for Drive 2 will remain blue until the drive is ready. You can continue to use the Duo during this time.
2. Click **Browse** to access the share folders, or click **Setup** to access the ReadyNAS Duo Home screen.

   Note: It will take approximately 2 hours (or longer, depending on drive capacity) for the drive to become fully redundant. See the *ReadyNAS Duo User Guide* to configure the device. An on-line link to the User Manual is on the *Resource CD*.

   The Drive 2 green LED on the front of the ReadyNAS Duo also will blink continuously until the mirror drive build process is complete.

Warning: The ReadyNAS Duo formats hard drives differently than a computer does. Do not swap hard drives between a ReadyNAS and a computer or your data will be lost.

Troubleshooting

- **Check the status lights to verify correct operation.** When powered on, the ReadyNAS Duo blue power button light will be on. Green status lights labeled 1 and 2 indicate which hard drive is installed and detected.

- **Turning off Your ReadyNAS Duo Correctly.** To turn off your ReadyNAS, press the power button until the blue light blinks (about 5 seconds).

- **Website Security Certificate Issue.** If you access the ReadyNAS Duo from your browser, you may see the "Security Certificate" screen. Select **Continue to this website** to access the ReadyNAS Duo Home screen.

Technical Support

Thank you for selecting NETGEAR products. After installing your device, locate the serial number on the label of your product and use it to register your product at *http://www.NETGEAR.com/register*. Registration is required before you can use our telephone support service. Registration via our website is strongly recommended.

Go to *http://kbserver.netgear.com* for product updates and Web support. For Warranty and Regional Customer Support information, see the *Resource CD* that came with your product.

An approved hard disk hardware list is available from the NETGEAR Support site.

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